Beamline 7ID Schedule

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Beamline 7ID Schedule for 2008-1 (Current v4)

See this link for APS Operational data and schedules.
Here is the link for the FY2008 schedule of the APS.

Two periods of 324 bunch mode runs are scheduled, from Feb. 27 to Mar. 10 and from Apr. 16 to 24.
Note that from Mar. 12 to Mar. 24, the APS runs in hybrid mode with a large current singlet
of 16 mA. The run starts Jan 29th at 8am and ends Apr. 24, at 8am.

Schedule for the winter run of 2008
(period is called 2008-1 by APS)

Here is the link for the FY2008 schedule of the APS.
The (STAFF) flag indicates beamline staff time. The (PUP) label indicates beam
awarded to Partner User Proposals and each APS GUP proposal is labelled with its
proper number. A list of all current APS Partner User Proposals is available here.
The (COMM) label is reserved for commissioning and alignment. Special laser alignment
And commissioning period allocated by XOR management are labelled (ALIGN).
The beamline fs-laser will be unavailable from 1/6/08 8AM to 3/5/08 8AM due
to a planned oscillator upgrade.

Dates	Shifts	User
01/29 8AM - 02/03 4PM	16	E. Dufresne (7ID-B COMM 16)
(Beamline down 5.5 shifts)		
02/03 4PM - 02/05 8AM	05	D. Walko (7ID-C COMM 1 + STAFF 4)
02/06 8AM - 02/11 8AM	15	C. Cionca (7ID-C GUP-5612 15)
02/13 8AM - 02/19 8AM	18	A. Grigoriev (7ID-C GUP-9314 18)
02/20 8AM - 02/26 8AM	18	R. Dunford (7ID-B GUP-7897 18)
02/27 8AM - 03/04 8AM	18	B. Adams (7ID-C STAFF 18)
03/05 8AM - 03/10 8AM	15	E. Landahl (7ID-C PUP-63 15)

03/12 8AM - 03/14 0AM : 05 : X. Li (7ID-C GUP-9847 05)
03/14 0AM - 03/15 0AM : 03 : 7ID-C alignment (STAFF 3)
03/15 0AM - 03/18 8AM : 10 : B. Adams (7ID-C GUP-8250 10)
03/19 8AM - 03/20 8AM : 03 : B. Adams (7ID-C STAFF 3)
03/20 8AM - 03/21 8AM : 03 : D. Walko (7ID-C STAFF 3)
03/20 8AM - 03/24 8AM : 09 : S.H. Lee (7ID-C GUP-8271 9)
03/26 8AM - 03/28 0AM : 05 : **APS RF failure, no beam**
03/28 0AM - 03/31 8AM : 10 : D. Reis (7ID-C GUP-7853 10)
03/31 8AM - 03/31 4PM : 01 : E. Landahl (PUP-63 1) **Laser servicing 7ID-E**
03/31 4PM - 04/02 8AM : 05 : D. Reis (7ID-C GUP-7853 5) **User Beam available 4/1/08**
04/02 8AM - 04/06 8AM : 12 : E. Peterson (7ID-C GUP-9231 12)
04/06 8AM - 04/08 8AM : 06 : D. Reis (7ID-C GUP-7853 6)
04/09 8AM - 04/12 8AM : 09 : D. Arms (7ID-C STAFF 9)
04/12 8AM - 04/15 8AM : 09 : B. Adams (7ID-C 8 shifts to GUP-8250 + 1 shifts to PUP-63)
04/16 8AM - 04/24 8AM : 24 : R. Clarke (7ID-C GUP-8146 24)

Operational notes

7ID was down on day 1 and 2 of the run to repair a water leak on the 7ID-A monochromator.
It was down about 5.5 shifts, the repair ending around 9am on 1/31/08. 2 water lines were replaced.
The laser installation was delayed.
The APS was down from 3/26 8AM to 3/28 0h00(5 shifts) due to a RF coupler vacuum problem.
To add user beamtime, the study period of 4/1/08 was transformed to user operation.

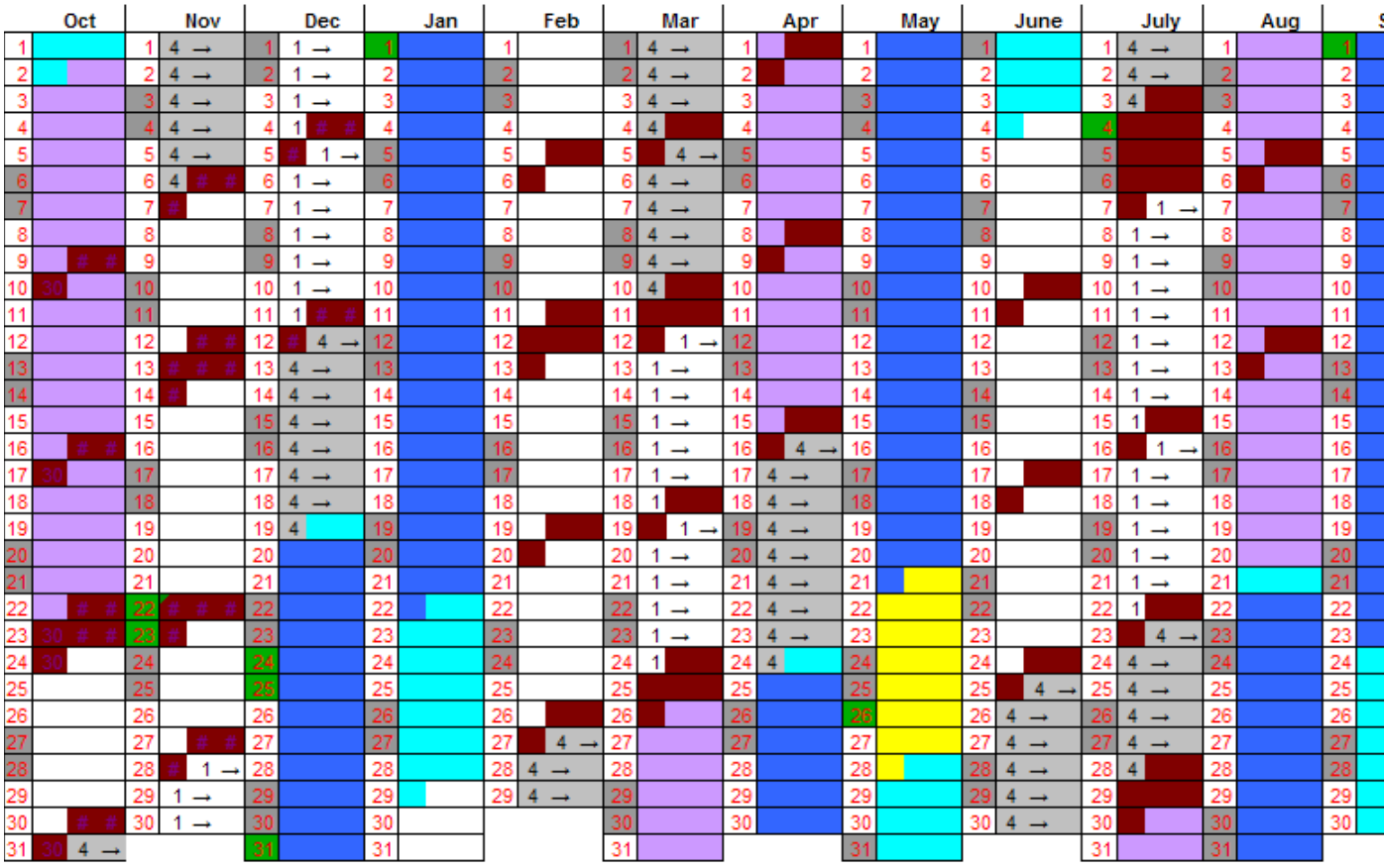
Allocation statistics

total	216 shifts	
operation allowance (8%)	17 shifts	
GUP baseline	199 shifts	
	Avail. shifts	Allocated shifts
COMM (beamline alignment)	17	17
ALIGN (laser optimization)	0	0
GUP baseline	199 shifts	
Staff (20% of 190)	40	4+18+3+6+6=37
PUP-63	18	15
Allocated GUP	141	15+18+18+15+18+18+12+9+24=147
total:	216	216
N.B. GUP+PUP(80% of 199)	159	162

Last updated by Eric Dufresne on 04/04/2008 v4.

APS FY 2008
Long Range Operations Schedule

Run 2007-03 *Run 2008-01* *Run 2008-02*



User Operation in standard lattice
User Operation in Reduced Horizontal Beam Lattice (RHB)

Top-Up Operations is standard unless indicated in fill pattern

SOM Periods
1 Hybrid Fill - (singlet)
4 324 Singlets - Non Top-Up

Machine Studies
Maintenance
Shifts set aside for Studies/ Machine Intervention as Needed

Fill pattern is 24 singlets unless otherwise indicated by number

Weekends
Lab Holidays
Anticipated Exte of Maintenance Periods due to Budget Limitation

Breakdown of User Shifts by Fill Pattern for FY2008

Number of 8-hour User Shifts

	24 Singlets - Top-Up	Hybrid Fill - Top-Up	324 Singlets - Non Top-Up	Total Shifts
Run 2007-3	122	36	39	197
Run 2008-1	126	33	57	216
Run 2008-2	113	42	39	194
SUM	361	111	135	607

Lattice Parameters for FY 2008

Run 2007-03

	Default ID lattice functions			Special sectors	Special ID lattice functions		
Lattice name	BetaX	EtaX	BetaY		BetaX	EtaX	BetaY
Standard	20	0.17	3	None	N/A	N/A	N/A
RHB	20	0.17	3	32ID	4	0.07	5

Run 2008-1, Run 2008-2

	Default ID lattice functions			Special sectors	Special ID lattice functions		
Lattice name	BetaX	EtaX	BetaY		BetaX	EtaX	BetaY
Standard	20	0.17	3	None	N/A	N/A	N/A
RHB	20	0.17	3	8ID, 32ID	3	0.08	5